

Title (en)
METHOD FOR TRANSFORMING STRAMENOPILE

Title (de)
VERFAHREN ZUR TRANSFORMATION VON STRAMENOPILEN

Title (fr)
PROCÉDÉ DE TRANSFORMATION DE STRAMÉNOPILES

Publication
EP 2481799 A4 20130807 (EN)

Application
EP 10818879 A 20100924

Priority
• JP 2009219820 A 20090924
• JP 2010066599 W 20100924

Abstract (en)
[origin: EP2481799A1] Disclosed is a transformation method whereby an ability to produce a useful substance of a stramenopile can be improved. The method for transforming a stramenopile comprises transferring a foreign gene into the stramenopile which is a microorganism belonging to the class Labyrinthula, more specifically, to a genus Labyrinthula, Altonia, Aplanochytrium, Schizochytrium, Aurantiochytrium, Thraustochytrium, Ulkenia, etc. Said foreign gene, which is a gene relating to tolerance against an antibiotic, a colorimetric protein and/or a fatty acid desaturase (#5 desaturase gene, #12 desaturase gene and/or É3 desaturase gene), is transferred by using the electroporation or gene-gun technique.

IPC 8 full level
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CPC (source: EP KR US)
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Citation (search report)
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• [I] WO 2009016202 A2 20090205 - BASF PLANT SCIENCE GMBH [DE], et al
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